

# Recovery Plan Action Status

Plan Name: Swamp Pink (Helonias bullata) Recovery Plan

Plan Status: Final

Plan Date: 30-Sep-91

Lead Agency: USFWS

Lead Office: New Jersey Ecological Services Field Office

(609)

646-9310 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Swamp pink (Helonias bullata)	1	1.11	Identify sites meeting criteria for permanent protection	Partially Complete	Prior to FY 1995		Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Management: Planning	Internal Administrative, Internal Field Assistance, Internal Technical Assistance	Partially completed
Swamp pink (Helonias bullata)	2	1.12	Complete searches for additional sites	Ongoing Current	Prior to FY 1995		State Natural Heritage Programs and natural resource agencies	Research: Population Surveys	Contract	
Swamp pink (Helonias bullata)	2	1.13	Determine land protection priorities	Ongoing Current	Prior to FY 1995		Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Management: Land Use, Management: Planning	Internal Administrative, Internal Field Assistance, Internal Technical Assistance	
Swamp pink (Helonias bullata)	2	1.14	Develop an action plan outlining land protection strategies	Planned	FY 2008		Conservation Organizations, Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Acquisition: General, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Other: Regulations	Contract, Internal Administrative, Internal Field Assistance, Internal Technical Assistance	
Swamp pink (Helonias bullata)	2	1.2	Seek cooperation of landowners	Ongoing Current	Prior to FY 1995		Conservation Organizations, State Natural Heritage Programs and natural resource agencies	Management: Habitat Maintenance and Manipulation	Internal Administrative, Internal Field Assistance, Internal Technical Assistance	Plus \$2000/yr for 7 more years = total cost of \$20,000
Swamp pink (Helonias bullata)	2	1.3	Implement habitat protection (acquisition)	Ongoing Current	Prior to FY 1995		Conservation Organizations, Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Acquisition: General	Internal Technical Assistance	Total cost very roughly estimated at \$25 million

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Swamp pink (Helonias bullata)	2	1.4	Develop and maintain site-specific conservation plans	Ongoing Not Current	Prior to FY 1995		Conservation Organizations, Federal Agencies, Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Management: Planning	Contract	
Swamp pink (Helonias bullata)	2	1.5	Enforce regulations protecting the species and its wetland habitat	Ongoing Current	Prior to FY 1995		Federal Agencies, Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Other: Law Enforcement	Internal Technical Assistance	Plus \$10,000/yr for 7 more years = total cost of \$100,000
Swamp pink (Helonias bullata)	2	2.1	Conduct genetic research	Ongoing Current	Prior to FY 1995		Conservation Organizations, Private Institutions such as universities and horticultural facilities	Research: Genetics	Contract, Graduate Student	
Swamp pink (Helonias bullata)	2	2.2	Investigate population dynamics, using a standard method	Planned	FY 2008		Federal Agencies, State Natural Heritage Programs and natural resource agencies	Research: Demographic Studies, Research: Population Surveys	Contract	Plus \$3,000/yr for 2 more years = total cost of \$15,000
Swamp pink (Helonias bullata)	2	2.3	Determine habitat characteristics and define essential habitat	Partially Complete	Prior to FY 1995		State Natural Heritage Programs and natural resource agencies	Research: Habitat Requirements	Contract	Plus \$7,000/yr for 2 more years = total cost of \$31,000
Swamp pink (Helonias bullata)	1	3.1	Monitor threats to extant sites	Ongoing Current	Prior to FY 1995		Conservation Organizations, Federal Agencies, State Natural Heritage Programs and natural resource agencies	Research: Habitat Status, Research: Population Surveys	Contract, Internal Field Assistance, Volunteer	Plus 3,000/yr for 7 more years = total cost of \$30,000. Done in conjunction with Task 1.5
Swamp pink (Helonias bullata)	2	3.2	Assess effects of on - and off-site disturbances	Ongoing Current	Prior to FY 1995		State Natural Heritage Programs and natural resource agencies	Research: Habitat Status, Research: Population Surveys	Contract, Internal Field Assistance, Volunteer	
Swamp pink (Helonias bullata)	2	3.3	Determine buffers	Ongoing Current	FY 1995 - FY 1999		State Natural Heritage Programs and natural resource agencies	Research: Habitat Requirements	Contract	

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Swamp pink (Helonias bullata)	2	4	Identify and, as needed, implement management techniques	Ongoing Current	Prior to FY 1995		Federal Agencies, State Natural Heritage Programs and natural resource agencies	Management: Habitat Maintenance and Manipulation, Management: Reintroduction, Research: Management Techniques, Research: Propagation	Contract, Graduate Student	Plus \$10,000/yr for 5 more years, then \$5,000/yr for 2 years = total cost of \$85,000
Swamp pink (Helonias bullata)	3	5	If needed, preserve representative genotypes through plant cultivation	Not Started	FY 1995 - FY 1999		State Natural Heritage Programs and natural resource agencies, Private Institutions such as universities and horticultural facilities	Management: Propagation	Contract, Graduate Student, Species Expert	Plus \$1,000/yr for 4 more years = total cost of \$6,000, if this task is shown to be necessary
Swamp pink (Helonias bullata)	2	6	Provide public information and education	Ongoing Current	Prior to FY 1995		Region 5, Fish and Wildlife Enhancement, State Natural Heritage Programs and natural resource agencies	Other: Information and Education	Contract, Internal Field Assistance, Internal Technical Assistance	Plus \$6,000/yr for 7 more years = total cost of \$72,000
Swamp pink (Helonias bullata)	3	7	Review recovery progress and revise plan as necessary	Ongoing Current	FY 2007		Region 5, Fish and Wildlife Enhancement	Management: Planning, Other: Administration	Internal Administrative, Internal Technical Assistance	No funding associated with this task